

JAN 28 1982
HAZARDOUS MATERIALS DATA SHEET
(PLEASE COMPLETE APPLICABLE SECTIONS.)

DPM 2334

1. PRODUCT NAME, NUMBER, SYNONYM: Pennchem 156
2. MANUFACTURER'S NAME: Pennwalt Corporation
3. MANUFACTURER'S ADDRESS: 3 Parkway, Philadelphia, Pa. 19102
4. PROCEDURE IN CASE OF BREAKAGE OR LEAKAGE: Shovel or sweep-up for land fill, flood and flush with water.
5. TRANSPORTATION AND STORAGE REQUIREMENTS: No special requirements - store under cover.
6. FIRST AID TREATMENT:
- A. SKIN CONTACT: Immediately flush skin with plenty of water for at least 15 minutes.
- B. EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes.
Call a physician.
- C. INHALATION: Remove to fresh air.
- D. ANTIDOTE IN CASE OF SWALLOWING: Drink large quantities of water, give white of egg or mineral oil. Call a physician.
7. PHYSIOLOGICAL PROPERTIES:
- A. ACUTE ORAL TOXICITY: Causes severe burns to mouth, throat and stomach.
- B. LOCAL EFFECTS UPON EYES: Causes severe burns to eyes.
- C. LOCAL EFFECTS UPON SKIN: Causes severe burns to skin.
- D. ESTIMATE OF ACUTE HAZARD BY INHALATION (VOLATILE MATERIALS): No volatile materials.
- E. WARNING PROPERTIES (ODOR, IRRITATION TO EYES, NOSE OR THROAT): Can irritate nose or throat.
- F. ESTIMATED THRESHOLD LIMIT VALUE (IF NOT ON CURRENT LIST BY AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS): Ca TIV, based on sodium hydroxide content, 2.0 mg/M³
8. CHEMICAL AND PHYSICAL PROPERTIES:
- A. SPECIFIC GRAVITY (WATER = 1) Ca 69 lbs./ft.³ B. VAPOR DENSITY (AIR = 1) _____
- C. VAPOR PRESSURE mm Hg AT 25°C. _____ D. pH _____
- E. CORROSIVE ACTION ON COMMON MATERIALS SUCH AS: ALUMINUM, MAGNESIUM, PLEXIGLAS, RUBBER, LACQUERS, ENAMELS, FABRICS:
May attack aluminum, magnesium and painted surfaces.

F. DOES THE MATERIAL DECOMPOSE WHEN EXPOSED TO AIR? WATER? HEAT? STRONG OXIDIZERS? No

G. FOR MIXTURES GIVE THE PERCENTAGE COMPOSITION OF INGREDIENTS:

COMPOUND	PERCENT
<u>Sodium hydroxide</u>	<u>over 30%</u>
<u>Sodium silicate</u>	<u>30% minimum</u>
<u>Sodium phosphate</u>	<u>15% maximum</u>
<u>Surfactants</u>	<u>over 12%</u>
<u>Sodium carbonate</u>	<u>10% maximum</u>

NOTE: GENERALIZATIONS SUCH AS PETROLEUM HYDROCARBONS, ALCOHOL, KETONES, CHLORINATED HYDROCARBONS, ETC., ARE NOT ADEQUATE FOR TOXICOLOGICAL EVALUATION. PROPER CHEMICAL NAMES MUST BE KNOWN.

H. DOES THE MATERIAL GENERATE HEAT THROUGH POLYMERIZATION OR CONDENSATION? No

9. PRECAUTIONS FOR NORMAL CONDITIONS OF USE: Do not get in eyes, on skin, on clothing. Do not take internally. Add slowly to water (140°F. max.) with stirring to make solutions.

10. RECOMMENDED PROTECTIVE EQUIPMENT: Wear goggles, rubber gloves.

11. A. FLASHPOINT °F; CLOSED CUP None; OPEN CUP _____; IF F.P. CHANGES DURING EVAPORATION GIVE DATA: _____

B. EXPLOSIVE LIMITS (% VOL. AIR): None LOWER _____; UPPER _____

C. SUSCEPTIBILITY TO SPONTANEOUS HEATINGS: YES _____; NO X

D. FIRE POINT °F None; AUTO IGNITION TEMPERATURE °F _____

E. VAPOR DENSITY ---

F. WHAT PRODUCTS MIGHT BE FORMED IN THE EVENT OF FIRE OR ABNORMAL TEMPERATURES? c, CO₂

G. SUITABLE EXTINGUISHING AGENTS: Non-flammable

12. INFORMATION FURNISHED BY: V. A. Curll
TITLE: Ass't to President, Chemical Specialties Division
COMPANY: Pennwalt Corporation
ADDRESS: 3 Parkway, Philadelphia, Penna. 19102
DATE: November 30, 1971

NOTE: INFORMATION IN REGARD TO A MATERIAL'S COMPOSITION WILL BE USED FOR THE PURPOSE OF COMPLYING WITH LOCAL, STATE AND FEDERAL ORDINANCES, LAWS AND CODES, AND REQUIREMENTS OF GOVERNMENTAL AGENCIES.

THE COMPLETED FORM SHOULD BE RETURNED TO PURCHASING, DOUGLAS AIRCRAFT DIVISION, LONG BEACH, CALIF. 90801.